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AGREEMENT

CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS */

(Revision 2, including the amendments entered into force on 16 October 1995)

Addendum 21: Regulation No. 22

Revision 3 - Amendment 2

Incorporating:
Supplement 1 to the 04 series of amendments - Date of entry into force: 18 January 1998
Corrigendum 2 to the 04 series of amendments subject of Depositary Notification C.N.40.1998.TREATIES-24 dated 9 March 1998

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND PASSENGERS OF MOTOR CYCLES AND MOPEDS

UNITED NATIONS

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*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.98-21115

Paragraph 4.4., amend to read:

"4.4. The marking shall be indelible, clearly legible and in a readily accessible place."

Paragraph 5.1.4.1.1., footnote 3/, amend to read:

"3/ 1 for ..... 29 for Estonia, 30 (vacant), 31 for Bosnia and Herzegovina, 32-36 (vacant) and 37 for Turkey. Subsequent numbers ....."

Paragraph 7.3.1.3.1., footnote 4/, amend to read:

"4/ Helmets of sizes not listed in paragraph 7.3.3.2. shall be tested with the next smaller headform listed. Helmets of size 62 or larger shall be tested with the headform "O"."

Paragraph 7.8.2.1., amend to read:

"... in accordance with the provisions of paragraph 7.2.4., shall be ...."

Paragraph 7.8.2.2., amend to read:

"7.8.2.2. The test apparatus used shall be as described in paragraph 7.8.2.2.1., the metal ...."

Insert a new paragraph 7.8.2.2.1., to read:

"7.8.2.2.1. The testing device mentioned in paragraph 7.8.2.2. above shall have the following characteristics:

Mass of punch	0.3 kg ± 10 g
Angle of cone forming punch head	60° ± 1°
Radius of rounded top of punch head	0.5 mm
Mass of the drop hammer	3 kg ± 25g"

Paragraph 7.8.3.1.2., amend to read:

"... conditioning in accordance with paragraph 7.2.2."

Paragraph 9.3.1., amend to read:

"....
For this purpose, 40 helmets shall be taken at random, 20 of them of average size, 10 of a size determined by the technical service and 10 helmets of a small size. These helmets shall be ...."

Paragraph 9.3.2.1., amend to read:

"9.3.2.1. Of the 40 helmets, 10 helmets of small size shall be subjected to the retention system test described in paragraph 7.6.2."

Paragraphs 9.3.3.1. to 9.3.3.3., amend to read:

"9.3.3.1. Of the 40 helmets four batches, each of not less than 10 helmets, shall be taken.

9.3.3.2. All the helmets of one batch shall be subjected first to the same conditioning procedure and then to the impact absorption test at the same point of impact selected from among those specified in paragraph 7.3.4.2.

9.3.3.3. Each batch shall be subjected to the impact absorption tests at only one point, different to the other batches, without the other impact points having to be tested first. The conditioning and the anvil for each batch shall be chosen by the technical service."

Paragraph 9.5.3.1., amend to read:

"9.5.3.1. for helmets four impact-absorption tests in accordance with paragraph 7.3., the retention-system test described in paragraph 7.6. and the retention (detaching) test in accordance with paragraph 7.7."

Paragraph 13.3., amend to read:

"13.3. Every protective helmet shall be clearly marked with its size and its maximum weight, to the nearest 50 grammes, as placed on the market. The maximum weight quoted should include all the accessories that are supplied with the helmets, within the packaging, as it is placed on the market, whether or not those accessories have actually been fitted to the helmet."

Annex 11, paragraphs 2.2. to 2.3.3., amend to read:

"2.2. Measurements

The following reading shall be taken:

Reading (T)	With sample	With central part of D_2	Quantity represented
T_1	no	no	Incident flux in initial reading
T_2	yes (before abrasion)	no	Flux transmitted by the new material
T_{30}	no	yes	Incident light flux with central part of D_2
T_{31}	yes (before abrasion)	yes	Flux diffused by the new material
T_4	yes (after abrasion)	yes	Flux diffused by the abraded material

2.3. Optical Quantities Definitions

2.3.1. The luminous transmittance is given by:

$$(T_2/T_1) \times 100$$

2.3.2. The light diffusion before abrasion is given by:

$$DB = (T_{31} - T_{30}) \times 100/T_2$$

2.3.3. The light diffusion after abrasion is given by:

$$DA = (T_4/T_2) \times 100$$

Note: Markings DA and DB correspond to paragraph 1.3. of this annex."